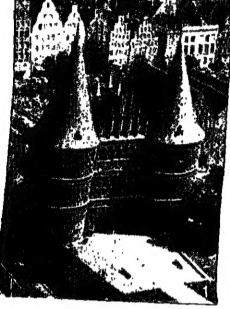
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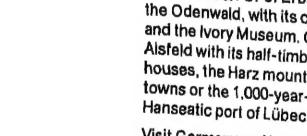




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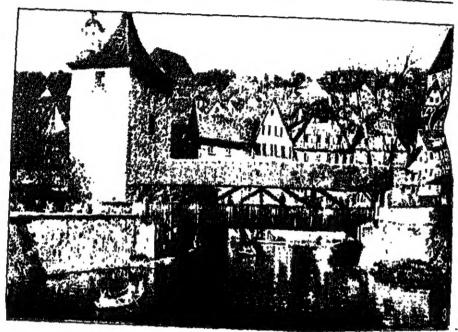


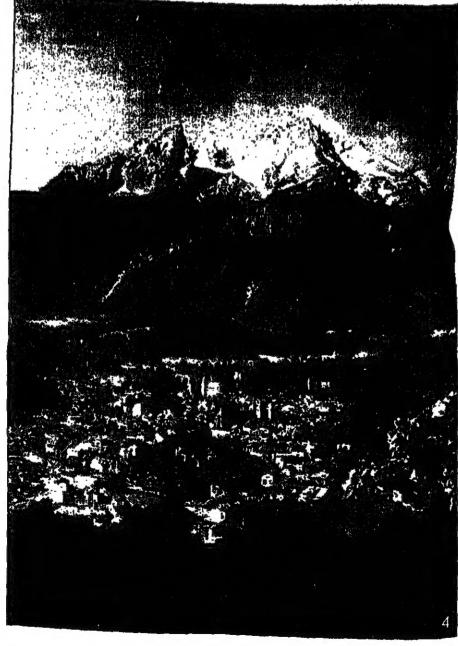
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FÜR TOURISMUS EV





The German Tribune

Hamburg, 4 October 1987 Twenty-sixth year - No. 1293 - By air A WEEKLY REVIEW OF THE GERMAN PRESS

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Genscher's optimism at **UN** founded on reality



Onn Foreign Minister Hans-Dietrich D'Genscher called for even more farreaching disarmament agreements beween the superpowers when he addressed he United Nations general assembly.

He also called for the dismantling of what he called "enemy cliches" and for more cooperation in sectors such as environmental protection.

Yet nothing he had to say was really new. Comparison with earlier speeches of his showed that he had made all these points on more than one occasion at the United Nations.

The difference was that in the past it had been primarily wishful thinking this time political reality underpinned ficer Ocuscher's vision of mankind as a

The agreement on a total, worldwide climination of medium-range nuclear missiles that President Reagan and General Secretary Gorbachov plan to sign before the year's end will indeed be a "historic step."

It may not climinate the nuclear threat to either East or West, especially as it will lead to the dismantling of a mere four per cent or so of the superpowers' total nuclear potential.

But it must be seen in a historic light as being the first major disarmament agreement between the superpowers since the ABM Treaty, which was signed 15 years ago. And it has only been possible because

both sides are definitely and preduminantly disposed toward reducing their nuclear stockpiles.

This resolve, underscored by a practical agreement, is what prompted Herr Genscher to make the optimistic remark that an "irresistible development" that paved the way for a better world had

excessive enthusiasm. True, the superpowers are resolved for the first time in years to disarm rather than rearm.

Yet it is an equally established fact that good intentions and the ability to put them into political practice are the

IN THIS ISSUE

THE ARTS Newspaper rivalry lends respectability to graffit! MEDICINE

Fight against an amoeba which inhabits a tenth of mankind ORIZONS

Brass-knucl a granny comes back fighting

most reluctant bedfellows. Only if Mr Gorbachov is taken at his word and persuaded to scrap all-powerful Soviet conventional arms too will we know for sure whether security will continue to

The rapprochement between the superpowers has made one of Bonn's wishes come true and Herr Genscher has every reason for taking a positive view of the breakthrough achieved in the medium-range sector.

But there are no grounds for taking it easy over the disarmament negotiations that must follow this breakthrough.

The Vicana MBFR talks on troop cuts in Central Europe were first mooted about 20 years and have laboriously marked time in the Austrian capital for 14 years. They are a case in point.

They ought to bring back down to earth with a bump everyone who has viions of swift progress on disermental ual security.

In 14 years in Vienna the parties to the MBFR talks have not even agreed on uniform mutual balanced force reduction criteria, let alone on a uniform

The Soviet Union and the West are unable to agree on what they mean by

(Nordwest Zeitung, Oldenburg,

Words of the week are in everybody's vocabulary

Bonn Foreign Minister Hans-Districh Genscher (left) with US Secretary of State

Tew thinking are the words of the week in New York, It is Soviet Foreign Minister Edward Shevardnadze's favourite term and was twice mentioned hy Bonn Foreign Minister Hans-Dietrich Genscher at the UN General As-

President Reagan may not personally have used the term, but at the crucial juncture in his own appearance at the

That at least is possible in General Pinochet's dictatorship, in contrast to a number of other dictatorial regimes. All were told that she had been sub-

jected to electric shock torture by the CNI, or secret police, after she was arrested in September 1986. She has consistently denied allegations of owning

The Chilean Foreign Ministry took a positive view of the German call for her

pendence" of the military judiciary. General Pinochet faces renewed cusations of human rights breaches at the UN General Assembly, which is why he has yielded in this case.

He may not have agreed to release political prisoners facing death penalties, but he has shown elemency in individual cases where he can hope to case external pressure.

Similarly, increasing numbers of leftwing politicians are being allowed to return from exile. They even include former government ministers under President Allende.

So the "strong-arm" tactics demanded of the Chilean dictator by extreme rightwing parties are at times relaxed.

(Süddeutsche Zeitung, Munich,

Rolner Stadt-Anzeiger

UN he did demonstrate what might be termed new thinking. The term was mainly used at the UN to describe the uncommonly hopeful prospects of disarmament and in East-West relations.

Mr Shevardnadze said in his speech to the General Assembly that the world was on the brink of major changes. Where the day before only a black wall had been visible, a view into the far distance was now possible.

Mr Shevardnadze's style and appearance in New York impressed the Bonn UN delegation - and many other delegations as well.

He called for the arms race to be replaced by a "concept of adequate stockpiles" and a comprehensive peace system. For Herr Genscher the Germans have

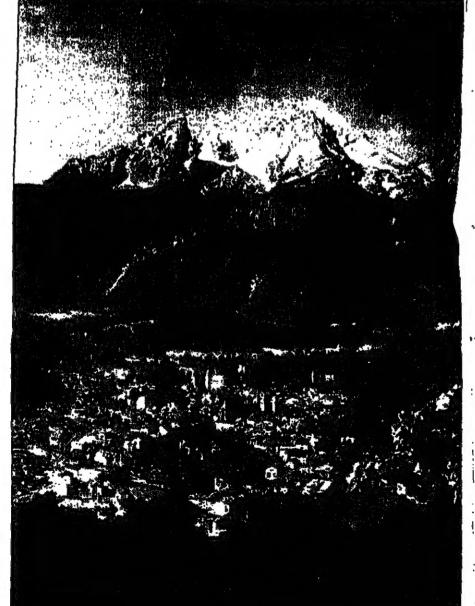
more to do than breathe a sigh of relief at the onset of "new thinking" in Their role is that of a motive force for

detente. Herr Genscher's call is for the new movement in Ostpolitik to be combined with progress toward European integration.

Even President Reagan engaged in new thinking. Having once condemned the Soviet Union as the realm of evil, he now offered the Russians a competition between systems on the basis of "realistic and stable" methods.

This offer sounded so much like peaceful coexistence and detente that many found an old Reagan speaking new words hard to recognise.

(Kölner Stadt-Aazeiger Cologae, 25 September (987)





Beatriz Brinkmann, a Chilean teacher of German extraction, has assumed symbolic status in the human rights dis-

In Valdivia, where many ethnic Germans live, she has been released from pomany after paying a 300-mark bond.

She had been charged with subversive activity and illegal ownership of weapons as a member of the Communist

Party and the public prosecutor had called for her to be sentenced to three years and a day in prison. This extra day would have meant she

would not be entitled to remission of sentence. But the Chilean judiciary is an instrument of dictatorship. The Chilcan authorities released

Frau Brinkmann under external pressure and deported her to the Federal Republic.

Bonn Labour Minister and deputy CDU leader Norbert Blüm, SPD Bundestag member Freimut Duve, German diplomats and others were able to visit

No. 1293 - 4 October 1987

bother coming again

Schleswig-Holstein?

grips with its recent problems.

many other members of the public.

persevere, they wondered, in self-im-

molation, in the bitter parry and thrust

of debate and in infighting between its

realist and fundamentalist wings after

its electoral setbacks in Bremen and

No. Instead of burning the midnight

oil and risking a debate on fundamental

the outset in a less controversial direc-

There was to be three hours of funda-

mental debate - and no more. And the

debate was so quiet and objective, at

STUTTGARTER

ZEITUNG

times riding a trough of exhaustion and

resignation, that the two students were

"We must first regain interest in our-

Mention was made of the lack of a

and fundamentalists would be equally at

ease, and of the "feeble compromise"

the Greens approved at last year's Nu-

remberg conference for the general

The euphoria and sense of new de-

"The system of what used to be staid

The impression the Oldenburg confer-

the Bremen state assembly after a huge

spending campaign estimated to have

cost it between two and three million

. Two DVU members have also been

The leading DVU candidate in Brem-

erhaven and prospective state assem-

this is appailing.

parture that accompanied the early

election

are now over for good.

not the only ones to be bored to death.

WORLD AFFAIRS

Helsinki accords get a raised profile as missiles deal is agreed on

Now agreement has been reached on medium-range INF missile disarmament, efforts to arrange further negotiations on conventional and tactical nuclear arms reduction within the CSCE, or Helsinki, framework have gained in importance.

Bonn is particularly interested, as it is in helping to ensure that the Vienna follow-up conference, reconvened on 22 September after its summer recess, makes headway in other sectors of European trans-bloc cooperation.

As Bonn's views on this subject differ from America's, Foreign Minister Hans-Dietrich Genscher appealed, in a gesture clearly aimed at the United States in particular, to all parties to the Vienna conference to bear in mind all sectors of the 1975 CSCE Final Act, or Helsinki accords, and their responsibility for the conference's success.

Wasted time

The Washington INF arrangement disproves all who felt the superpowers might yet cross swords over the objectives agreed at the October 1986 Reykjavik summit, arguing that European security interests must be defended.

The Europeans have wasted invaluable months arguing over this point rather than preparing for the new and dynamic development that has arisen in security policy.

Yet it was they who played a major initial role, at the Stockholm conference on confidence-building and disarma-

For Poland, the German Question is fraught with national factors and

Poland has normalised relations with

complexes of its own.

Germany last month.

the intra-German show.

visited Bonn.

Polish Foreign Minister Marian

Herr Honceker, the East Berlin leader,

And while Herr Honecker was still

making headlines in the Saar and in Mu-

nich, influential Polish politbureau

member and expert on German affairs

Josef Czyrek visited the East German

East Germany assessed the situation.

It is no coincidence that these close

General-Anzeiger

ment in Europe, in paving the way for

The Stockholm conference both prepared the atmosphere and drew up a model solution on the key feature of a generally applicable verification system.

Agreement on on-the-spot inspection was, as the INF talks have shown, a trailblazing move for all sectors of dis-

There have been attempts to belittle ne INF terms as agreed, and the 1,567 Soviet and 316 US warheads, plus the Bundeswehr Pershings' six dozen, that are to be scrapped, and their carriers with them undeniably make up a mere three per cent of the entire nuclear pot-

But the key factor is that the INF agreement is the first-ever genuine disarmament move. It relates to a weapon system sector that is extremely dangerous for Europe and its repercussions, as in Stockholm, extend far beyond the INF sector:

 The solution to the verification problem and other important technical details it involves make the INF a pacemaker in the planned 50-per-cent reduction in the superpowers' strategic

It could also pave the way for subsequent negotiations on tactical nuclear weapons in Europe and for the conclusion of a UN convention on a global ban on chemical weapons.

 By both including in the treaty terms and for the first time putting into practice the elimination of a drastic imbalance, the INF agreement will also pave the way for conventional disarmament

It may only be a model for the elimination of a single, but extremely dangerous weapon category, but it could prove invaluable by being applicable to conventional weapon systems too.

 The treaty thus testifies to the earnest of both superpowers in their desire for disarmament. That and its specific contents make it a significant factor in confidence-building that is likely to come into its own in other fields of world affairs, such as joint bids by Washington and Moscow to end the

The Vienna talks between members of Nato and the Warsaw Pact on the mandate of the conferences on conventional disarmament and other confidence-building measures within the CSCE framework are now entering their crucial phase.

They too are likely to benefit from the INF agreement, although the US desire to control further developments and limit European leeway is clearly ap-

The independent group of neutral and non-aligned states, with a weight that has often been felt to be tiresome. are definitely not to be allowed to bring fluence to bear on the distributent

In contrast to the comprehensive programme embodied in the Final Act at Helsinki the United States has always, and most onesidedly, interpreted the

Helsinki accords as a pure human Two Oldenburg senior school stucharter.

That enables Washington to be ence called following electoral setbacks guide the CSCE process in keeping in Bremen and Schleswig-Holstein its views. A similar approaching found the proceedings exeruciatingly ent at the Vienna CSCI: followference, the aim of which is lo boring. headway in detente not only in re between the superpowers but out. front throughout Europe.

Every undeniable step formadin man rights is countered with new, more far-reaching demand, proposals on East-West com scientific, technological and the mental cooperation are igblocked or diluted and Europeie riding interest in conventional 63 ment is dismissed as a minor cor

Grand Design

From Herr Genscher's viewoint d Final Act is Europe's grand design an major prospect for the future, callingly balanced development in all sectors as to keep all destabilising factors and

That is why he appealed to lellow members of the European Communito act jointly and with determinations make up fast for missed opportunities

That is why he appealed to all: CSCI- states in Vienna to neglect cooperation sector and not to delay:

The time, he said, was ripe for me selves," one speaker said, while another that for the sake of peace in Emq warned against "us constantly rushing brought greater security and cooper around with a diviner's rod in a quest tion and more tangible human or for traitors in our own ranks."

"What interests us," he said, is w benefit people derive, not how gove

ments portray themselves." (General-Anzeiger, Bonn, 21 September)

and thus help to end all conceivable maining doubts about Poland's wa

then intra-German ties in the diam of even the appearance of the Gem-Question still being open woulder dise would be a threat to the past

Soviet Union in the the socialist

the two German states will continue dences they cannot waive singlehands en en, or over five per cent in Bremen's ly. So there is no room for illusion.

Calbielt neighbouring town further up the River Harry Schleiche Weser (it got only 3 per cent overall, but

(Stuttgurter Nachrichten, 18 September | that didn't matter under this local appl

inted by CW Niameyer-Druck, Hernel

In all correspondence please quote your admit Dieter Klink, SPD president of the number which appears on the wrapper, between Bremen assembly says Herr Altermann

HOME AFFAIRS dents who went to a Greens' confer-

Greens' post-mortem draws They decided that, if this is what the a round of yawns Greens were all about, they would not

They had turned up with high expectthe most part being pale but calm and col-most detailed proposal drawn up by a ations that the party of ecologists which lected. The atmosphere resembled that of opposes nuclear energy would get to a full-scale crisis staff session.

Josehka Fischer was not pilloried as • a decentralised system of found-There were equally high expectations expected for having said in a newspaper among many of the 650 delegates and interview that he felt an immediate phase-out of atomic energy was unreal-Would the seven-year-old party

> In a personal statement the former Hesse Environment Minister merely said he felt a "fast phase-out" was "not feasible at present."

Delegates expressed little more than mild dissatisfaction at the holding of separate press conference on the Bremen and Schleswig-Holstein election results issues, proceedings were aimed from by the Greens' national executive committee and the parliamentary board of the Greens in the Bonn Bundestag.

The debate on setting up a party-political foundation sounded a note of moderation, not to say ennui.

How were delegates to show commitment on an issue billed as "the most important since the decision to set up the Greens as a political party" when there were fears of a terminal decline setting in in the party?

The Greens already have an uneasy conscience about using government money, about DM60m, to finance their women's, ecology and Third World projects.

What is more, the Greens appealed to the Federal Constitutional Court in 1983, challenging blanket grants to pary-political foundations (the court ruled that the grants were constitutional).

set up would have to comply with most exacting standards. It would need to be as independent of the party as possible, to be clear and above-board about its finances and expenditure and to cover all issues and project sectors.

After vociferous twisting and turning, and countless objections raised in the debate, a decision was eventually reached in principle to set up a foundation.

In the end delegates even agreed that the model (of the four proposed) on which they could all agree must be approved by a two-thirds majority.

The models on which a vote was taken were: • the Heinrich Böll Foundation, the

panel including "independent personal-

ations for individual Länder: a "movement model" based on social

protest and action groups · and a "women's foundation" in which women were to hold the purse-strings and concentrate mainly on emancipato-

The voting marathon went ahead along lines customary among the Greens. The initial tenor of opinion after a first, but indecisive straight fight seemed to favour a decentralised solution, but what then?

Supporters of the Böll Foundation withdrew their motion, as did the women's group theirs, and an hour after the conference was originally scheduled to end the Lünder foundation proposal was also withdrawn.

Shortly beforehand a conference majority had entrusted a commission with clarifying details of setting up a foundation. Yet the issue the Oldenburg conference was convened to discuss was shelved until the next gathering.

The power struggle over a Green party-political foundation ended, like all power struggles in the party, where it began: with the failure of the two wings, ideological unyielding but more confused than ever, to be reconciled.

Dagmar Deckstein

(Stuttgarter Zeitung, 21 September 1987)

Land Premier resigns over smear-campaign charges

Uwe Barschel, the Schleswig-Holstein Premier, has resigned following allegations in the magazine, Der Spiegel, that a former publicity man on his Christian Democrat apaign team had been ordered to dig up information for a smear campaign against the Social Democrat leader in the election last month, Björn Engholm. The Social Democrats emerged as the biggest single party in the election but the CDU was in a position to carry on governing with the support of the Free Democrats and the sole representative of another minority party. But what will happen now is not known.

vestigations.

Schleswig-Holstein Premier Uwe Barschel's resignation hardly came their local leader possibly succumbing as a surprise. It was an admission not of personal guilt but of political responsibility in an affair which is certain to take months before the parliamentary and

Court aspects are cleared no.

Dr Barschel has given an assurance, and it rings true, that he would have been prepared to resign earlier but hesitated in full agreement with his party, the Christian Democrats.

The state assembly election results left the CDU with a potential coalition majority of one in Schleswig-Holstein, and his resignation could lead to the party losing its ability to govern.

That could still happen. The crucial issue in the days and weeks ahead will be whether the CDU aims at a solution on the basis of the 13 September election results or seeks salvation in fresh

The Christian Democrats have at least been relieved of the burden of

They have regained the momentum of iction, although no-one can say for sure how they will now fare. Even if they agree to coalition terms

to gradual wear and tear under the pres-

sure of protracted Watergate-style in-

ith the Free Democrats they will still not command a majority in the state assembly, merely level-pegging with the Opposition, or so it would seem.

The Social Democrats hope fresh elections would sweep them into power. The Christian Democrats must fear that their moderate losses in mid-September could be followed by a much more crushing defeat at the polls if fresh elec-

The Free Democrats barely succeeded in polling the five per cent they needed to get back into the state assem-

Having dithered between cooperation with the CDU and the personal slight of refusing to pose for Press photographers alongside Herr Barschel at coalition talks, they can do no more than guess how they might fare in fresh

Only a strong local leader, such as Bonn Finance Minister Gerhard Stoltregresould boost the CDU's confidence, yet as Land leader of the Christian Democrats he must share the blame for dirty tricks during the campaign.

Dr Stoltenberg's potential role poses national, not just local problems. If he were to return to Kiel at the moment he ought to be submitting proposals on how to finance his tax reform package, the Bonn government might find itself in a difficult position.

Chancellor Kohl and the CDU would be subjected to even stronger pressure by their coalition allies the ČSU and the FDP. That was a poor starting-point for the Chancellor's meeting with the CSU leader, Bavarian Premier Franz Josef Strauss, who already sees the CDU as to blame for the decline in the Bonn coalition's electoral fortunes.

(Der Tagesspiegel, Berlin, 26 September 1987)

Poland's interest in all things German is more than casual

West Germany; it makes constant assurances that it is a friend of East Germany formed a framework within which But it follows with close attention and the intra-German summit was held. sometimes with undisguised scepticism Frameworks serve the purpose of sett-

all that goes on between the two German states. Warsaw makes no bones about the The Poles did more than just look on sole aim of its policy toward Germany like committed first-nighters in the orbeing one of looking after Polish nationchestra stalls at the intra-German political spectacular when Herr Honecker,

the East Berlin leader, visited West There can have been no coincidence about Herr Honecker having paid political obeisance to Polish sensitivities by They engaged in travel diplomacy of referring to the Oder-Neisse border as a their own to make it clear to East Berlin that they claimed a role along the lines model for better arrangements on the of an active auxiliary director in staging intra-German border.

Despite dubious aspects of this comparison he was clearly keen to flatter Orzechowski visited East Berlin before Poland and demonstrate East Germany's consideration for neighbour.

Will such verbal gestures be enough for Warsaw, which this time, unlike summer 1984, on a previous occasion when Herr Honecker was due to visit the Federal Republic, placed no unmistakable obstacles in the visit's way.

Subsequent mention was merely Only a few days after Herr Honeckmade of the "legal phraseology" of the er's spectacular visit to the West the commitment to reunification embodied Polish leader, Mr Jaruzelski, arrived in in Basic Law, the 1949 Bonn constitu-East Berlin to learn at first hand how tion.

It was noted sotto voce in Warsaw

STUTTGARTER NACHRICHTEN

German summit on grounds of pact in-

This time such heavy artillery was not rained on the West, but there was no mistaking a degree of official sceptism.

That in itself is hardly surprising inasmuch as the fundamental political factota are unclanged, and the Part Lane dia were much more guarded than, say, their Soviet counterparts in their accompaniment to Herr Honecker's visit

The Polish Party newspaper Trybuna Ludu took the precaution of reminding the East German leader that his visit had only been possible as a result of the "correct and consistent policy pursued by all the socialist states."

Bloc discipline had laid the ground for inviolability of borders. In return the German workers' and peasants' state was expected to demonstrate eternal solidarity with the socialist camp.

For Poland the intra-German summit would only make positive sense if it that in 1984 Poland and Czechoslovak- were to contribute toward consolidation contacts between Poland and East Geria had joined forces to prevent the intraof the post-war status quo in Europe

years, just after the party was founded, border, the Oder-Neisse line. In Polish eyes any attempt to sur

and stick-in-the-mud established parties is more flexible than we imagine," a realist speaker said. "In ceasing to deal with them we ourselves have come to pale in significance." In relations between Poland and ence conveyed was that of the Greens for

GDR there is undoubtedly the sem issue of who plays second fiddle p but the overriding fact remains 132 process of intra-German normalis forms part of a wider framework the fast as in the West.

Any extension to the leeway open

cation of the five-per-cent poll regula-The German Tribunt tion.) Friedrich Reinecke Verlag GmbH. 3-4 Hartistess Collected to the Bremerhaven city council. Edgor-In-chief: Otto Heinz Edgtor Alexander And Social Democrats, Christian Democ-English language sub-addor: Edmon Burnett. — Free Democrats and Greene all and Company and rats, Free Democrats and Greens all say

Distributed in the USA by: MASS MAILINGS. 16 blyman, a 61-year-old shipbuilding en-Distributed in the USA by: MARS MALLINGS Was 24th Bireal, New York, N Y. 10011 gineer called Hans Altermann, was not the original text and published by agreement with available to answer telephone inquiries newspapers in the Faderal Republic of Germany on the day after the polls.

member of the right-wing extremist Huge spending A Deutsche Volksunion, or German People's Union, won its single seat in in poll by extreme right.

Frankfurter

ations with other parties.

reue Presse

The DVU is opposed to local government franchise for foreign residents and cal asylum.

will be very much out on a limb in rel-

limited, as an individual member could neither submit written questions to the Senate nor apply for an emergency hearing. He could merely table motions,

advocates deportation of criminal foreigners and bogus applicants for politi-

His parliamentary options would be

Given equal qualifications, German

job applicants must be given preference over non-Germans. As DVU leaflets proclaimed: "Hospitality is all well and good, but Germany must stay German!" Instead of spending billions on abuse of asylum application provisions, the

thorities should spand the money on termans in difficulty through no fault of their own," The stirring DVU slogan (or so its supporters would like to feel) is: "Spend German Money on German Tasks,"

During the election campaign the party held no public meetings but it spent an estimated DM2m to DM3m on election propaganda, or over twice as much as all other parties combined. It campaigned as the Liste D ("D" for

"Deutschland"), an election alliance of the DVU and National Democrats formed in Munich last spring. The DVU, founded in Munich in 1971, is considered a catchment basin

for former NPD supporters, In its ideological orientation it is largely agreed with the NPD, says the Continued on page 12.

No. 1293 - 4 October 1987

D than breeding pigs, Rumanian offi-

Ethnic German migrants earn more

hard currency in deutschemarks per

head than the best pork bellies, they say.

this joke about Rumania's dwindling

German minority, the Siebenbürgen

DM8,000 to DM10,000 for each of the

11,000-14,000 ethnic Germans a year

Most emigrate to West Germany, a

few to Austria. They are part of a steady

exodus of ethnic Germans from areas

where they and their forebears have

At this rate virtually no native Ger-

President Ceausescu thus seems to be

single-nation state, although he may

find the two million ethnic Hungarians a

Ethnic Hungarians, with powerful of-

ficial backing from neighbouring Hun-

Ethnic Germans have long aban-

Despite Bonn's cash payments many

The West Berlin Intourist agency

wants to sell holidays in the Soviet

"Get to know the Soviet Union, the

Union in the spirit of glasnost and per-

country and the people. Talk with them.

Experience glasnost and perestroika at

The 1988 brochure features city

tours to Moscow and Leningrad, includ-

ing a night out at the Bolshoi, tours by

But no mention is made of inclusive

Over 40 years after the war the Soviet

Kopolev recalls the occasion in his book

Since 1947 not a single German has

of state, on 4 July 1946.

Trans-Siberian Express and cross-

tours to the westernmost city in the So-

viet Union, Kaliningrad, formerly

country skiing on Lake Baikal.

first hand," potential tourists are told.

doned hope. Most of them have only

one objective: to see the back of Ruma-

man-speakers will be left in Siebenbürg-

who migrate to the Federal Republic,

There is more than a grain of truth in

Bonn pays a capitation fee of

Ceausescu's emigration policy.

Saxons and the Banat Swabians.

lived for 800 years.

tougher nut to crack.

Row over plan to increase length of civil alternative to conscription

A total of 72,000 people are serving 20 months of civilian service as an alternative to 15 months of conscription. Plans have been drawn up to increase the civillan alternative to 24 months and military service to 18 in 1990. It is a controversial move.

Deter Hintze, the Bonn government L commissioner for conscientious objectors who do social work rather than military service, says the proposed extension of the civil alternative is a "crucial contribution toward domestic peace,"

Objectors don't agree. Manfred Wagner, who speaks for an organisation representing the interests of the 72,000 Zivis, as they are called, dismisses this as "laughable."

Many feel the longer civilian period amounts to a declaration of war.

The extension is to be made in return for a simplification of conscientious objection procedures.

Herr Wagner feels the commissioner's talk of peace is cynical because pressure of work on Zivis, as conscript social workers are known, is steadily in-

Less and less attention is paid to the motivation that prompts people to object to military service. Strike action and protest moves are one outcome, an increasing number of transfer applications another.

This category of social work is ac- bound patients, and themselves steadily companied by severe stress — and a suicide rate much higher than among ser-

Hintze has little inclination to go into such problems. When he has anything to say on the subject, as at a Loccum Protestant Academy conference on "Civil Service in the Throes of Change," he tends to opt for simplicity and harmony.

Neither qualitatively nor quantitatively is any such change in the offing, he says. He reassures potential employers that there will continue to be at least 50,000 Zivis a year until the end of the

He says this figure is definite, irrespective of low birth rates in the 1970s and 1980s or of longer service.

He also claims that: "Civil service is so arranged to do justice to conscripts' individual skills and interests."

More critical observers say this aspect is a key reason why young volunteer social workers lose all motivation after seven or eight months as conscript

They cease to be regarded as individuals with a right to be taken seriously. They are no longer regarded as conscientious objectors but as cheap hired

They are increasingly put to work in the toughest, marginal areas of social work, such as looking after wheelchair-

It was to concentrate on peace work. reconciliation and international understanding and enable staff to think their lives and objectives over during their service period. These ideas have been largely aban-

isolated on the outskirts of society.

this kind for longer than a year or so.

Ulrich Finckh, Zivis want to do someth-

ing for peace, with the emphasis on in-

ternational, national and social peace

service, Third World work, education

activity, youth work and environmental

gated from non-handicapped children

mosaic of disrespect that makes social

longer period in the Bundeswehr with-

as Zivis stand to forfeit an entire year.

out forfeiting a college semester, where-

cost labour. They are bound to, Finckh

says. Zivis cut manpower and other

Protestant Church moves were at one

stage made to consider setting up a "so-

cial peace service" as an independent

alternative to military service.

Employers see them mainly as low-

as though they were lepers.

service a punishment posting.

No-one who has come straight from

doned, due to political pressure and to everyday routine. What is left, says Gerhard Hoffmann

of the Protestant Church social services department in Hessen-Nassau, is the reserve army of conscript social workers. Their role is to bridge the gap be-

tween a growing need for social work to cater for the old, the sick and the handicapped and the constraints of government economies.

Legally, the employment of Zivis is supposed to be "neutral" in its effect on the labour market.

If this requirement were taken seriously, they ought only to be employed, in social work, in addition to qualified staff to improve the quality of life for the people they help to look after.

In reality, Hoffmann says, "civil" service is increasingly degraded to "lagular jobs in social work and taking the place of trained social workers.

There is no longer a shortage of skilled social workers. Unemployment, Finckh says, is a serious problem among social workers, nurses and even doc-

Every Zivi who is employed in these sectors does more trained staff out of a iob and prevents them from providing the skilled service they are in a position

No-one stops to consider whether financing both Zivis and unemployed social workers makes economic sense. From the individual employer's viewpoint it is clearly lucrative. But that is as

far as it goes. Herr Hintze sees no problem here either. "The efficacy of our social ser-

vices," he says, "is not determined? # PERSPECTIVE the civil service."

Bremen sociologist Jürgen Bland has taken a closer look at the situal. investigating the work of Zivis in &

The 525 Zivis in welfare services ployment were found to accome roughly 10 per cent of overall stalle. hours, and 18.8 per cent of the bea logged by full-time staff.

"Civil service" had long reased to an extra in many sectors. It was an inc school and not learnt the trade can posgral part of a system that in many sibly hope to stand the strain of work of spects would cease to function if the were no longer available. As conscientious objectors, says Rev.

In work with the handicapped Zic accounted for 23 per cent of my hours, and 96 per cent of indivite care of the seriously handicapped. per cent of ambulance and taxi sas for the handicapped.

Zivis log 91 per cent of mobilest They seldom have an opportunity of doing so and are often prohibited from vice man-hours, 66 per cent of make wheels and 52 per cent of ambulant working in this sector, he says. They are not allowed to tell others that they are conscientious objectors and are segre-

Blandow calculated the cash saving on the basis of an unskilled Zivi manhour costing DM15, as against DM26 for an hour's work by a skilled person.

Only one stone is missing from the The 525 Bremen Zivis saved DM17a a year, while the 72,000 Zivis all over the country saved a massive DM2.3bn. en or Banat by the end of the century. The final school year is to be cut short to enable conscripts to serve the

Professor Blandow says the very leas well on his toward achieving his objecthat must be done is to spend seven tive of transforming Rumania into, a

Frankfurter Rundschau

and to provide in-service training there

But that manus aut of the qua present the state is not even in a por and that, for the foreseeable future.

Employers have no interest in m ing them for any length of time, at officials in charge of the service evil: ly take a dim view of in-service training

Herr Hintze may say he feels it is tremely important, but the fact is # the five hours a week for "social per service" study has been cut to two, ! inference being that two hoursaweekt reflect on your work is ample.

Zivis are viewed with increase dir satisfaction by the trade union. who object to the hiring of cut-price skilled staff when trained men 2 women are out of work.

Bremen hostpital, says:

"There is no regulation requiring he pitals to economise by hiring Zivis R gular staff can do everything they its wage costs." dering, raping and killing for days. Lev

Works councils in Br authority hospitals and a lone chi hospital aim to dispense with the Posterity). vices of the present 150 Zivis. The Since 19

Herr Lorenz does not mean with the work Zivis do in hospiulish mous for its Bärenfang honey liqueur, persuous; anything but. Yet with marzipan, its Dominsel city centre surely a difference between country and its distinctive people speaking dis-working under orders and trained by timetive dialect German, ceased to exist. pital staff working under normal of For Germans everywhere, regardless

which part of Germany they come from, The Bremen debate is far from the Königsberg is still first and foremost a wide of the mark. The Marburg forbidden city.

of the Red Cross last year providence of the Red Cross last ye Continued on page 7

of them find it far from easy to get out. to leave in 1983, after a long wait, but preeding Germans is more profitable A 60-year-old woman set fire to herself in protest outside the German embassy cials cynically say about President n Bucharest only a few weeks ago.

Rumania cashes in by exporting ethnic

German minority to the West

Maria Mesmer, prevented by the Rumanian police from even setting foot in the German embassy, poured a can of trol over herself, set fire to it and died before anyone could rush to her assist-

She evidently sought to draw attention to the inhuman conditions suffered by ethnic Germans who apply to corrupt officials for exit visas.

Before issuing passports the authorities demand from ethnic Germans an extra, private ransom payment equivato between DM5,000 and DM 10,000.

Most cannot possibly raise this kind of money, not even by selling everything they own - their home, their farm, their goods and chattels.

Unless relatives who have already migrated to the West are able to lend a helping hand they often have to wait 10 to 15 years before being issued with travel documents.

Throughout this waiting-period they suffer endless official humiliation, losing their jobs for a start. And once they have the documents they are only allowed to take with them 70kg of personal effects, wedding rings and inexpensive jewellery.

They leave behind their home, their farm, the family and a cultural heritage of Rumanian assimilation.

That was roughly what befell Maria Mesmer. Her two children were allowed

she was refused permission.

The official reason was that in 1973 she was found guilty by a court in Orsova of setting fire to a works barracks and fined 114,171 lei. She constantly claimed she was inno-

cent but the authorities insisted she must pay the fine, plus an extra private ransom payment, before being issued with a passport for which she had applied nearly 10 years earlier.

As she stood no chance of being able to pay the fine from her modest worker's earnings she planned to present President Ceausescu with a petition when he visited her home town in 1978. She was arrested and beaten up by his bodyguards.

The associations of Siebenbürgen Saxons and Banat Swabians in the Federal Republic have submitted to the authorities in Bonn and Vienna a memorandum on the treatment by Bucharest of would-be migrants and on the situation of the ethnic German minority in Ruma-

The authorities were called on to bring the situation in Siebenbürgen and Banat to the attention of the Helsinki follow-up conference in Vienna.

Visa applications are said to have been made by 140,000 cthnic Germans in the two areas, leaving a remainder who are in no real position to resist Rumanian pressure to assimilate.

Rumanian diplomats sound a note of surprise. "We let everyone leave to join their families, not just Germans," they say, adding that constitutional guarantees protect minority rights.

In practice, it is another matter, as spectacular "denationalisation" measures show. German-language teaching has been restricted, being limited in many schools to language lessons.

German-speaking teachers are assigned to Rumanian-speaking classes and vice-versa.

The historic appearance of former German communities is systematically destroyed by demolishing entire streets and defacing them with high-rise hous-

So it is hardly surprising that "Saxons" and "Swabians" are no longer keen on the old country. Besides, as one migrant inevitably attracts the next, there is a steadily growing vacuum that is filled by ethnic Rumanians.

This was demonstrated at the last confirmation classes held at the



Schwarze Kirche in Kronstadt, Sie-

Only five of the 18 children had all-German parents (although some were children of mixed marriages).

So classes were partly held in Rumanian — for the first time ever.

Another typical instance of Rumanian assimilation is the fate of Wurmloch, a large rural district in Siebenbürgen that was all-German only a few years

The local clergyman, a rugged German with duelling scars who, like nearly all fit Siebenbürgen Saxons, had served in the Prinz Eugen SS division, lamented that Wurmloch had no future.

The entire community had applied, or was planning to apply, for visas to migrate to the Federal Republic, he complained. Sooner or later they will all Erich Grolie

(Stuttgarter Zeitung, 4 September 1987)

Glasnost has not yet reached out to the forbidden city



ted within its walls, and then only on pedestals: statues of Kant, Schiller and

Thälmann. The citizens of Kaliningrad even named an extensive public park after Ernst ("Teddy") Thälmann, the pre-war leader of the German Communist Party.

Since the Red Army arrived not a foot in the northern, Soviet sector of what used to be East Prussia.

Königsberg and environs has been out of bounds for German businessmen and sailors, for journalists and even, say, for East German Party officials.

No-one has been allowed to visit the grave of Enlightenment philosopher Immanuel Kant. No-one has been allowed to take a dip in the chilly Baltic on the Amber Coast at Pillau,

Now and then, by roundabout ways, foreign nationals have occasionally managed to visit the city.

Doing so illegally is a risky business even though Aeroflot Ilyushins and Tupolevs fly there daily and fine roads run down the Baltic coast to the city.

But city maps are Kaliningrad are still

Local people have to make do with a single sheet of paper containing a map of the city centre.

Non-Soviet citizens stand no chance getting through the passport checks, still less Germans keen to revisit the city of their childhood.

Those who have made the attempt usually travel by rail. The Amber Express runs daily from Moscow to Kaliningrad, and there are no passport checks at railway stations (as opposed

The authorities probably imagine no foreigner would take the trouble of an mouse with people on foot. train, with a total ban on drinking and smoking in the compartment.

That isn't to say that the carriages of the Amber Express are uncomfortable. They were made in the GDR.

Railway time is Moscow time. There are two clocks at Kaliningrad station: one shows local time, the other Moscow

If nostalgic Germans were allowed to visit the city they would probably not recognise it. It was largely destroyed, either during the war or in post-war

... It has also been transformed by ornamental stucco facades, by corrugated iron roofing in place of tiles and by coats

of poor-quality paint, mainly in pastel shades of blue, yellow and pink.

Redbrick walls have also been painted over, totally changing their outward appearance, not to say ruining their architectural character.

Where churches once stood, such as the Holy Trinity, near the main station, Soviet planners have long built a cinema, the October, and a Gagarin Park with water-spouting fountains.

A gigantic flyover taking traffic past the former stock exchange, now a seamen's cultural centre, to the Hotel Kaliningrad, a soulless modern building, calls to mind similar West German civil engineering feats of the 1960s,

The officials who designed this concrete monster clearly had no interest in pedestrians. There are no pedestrian age-and-Moskvitch, Zhiguli and Dniepr drivers seem to play cat and

tened the ruins of Königsberg Castle, which could well have been restored. Kaliningrad engineers are still trying to build a skyscraper on the site. Construction work on what is planned

as a town hall, or House of the City Soviet, has marked time for three years. Stress analysis has posed problems.

Work is to be resumed on a limited scale this autumn. Rumour has it that the building is now to be a hotel.

Might that mean Kaliningrad will soon have sufficient hotel accommodation to allow 300,000 ethnic German survivors of East Prussia to revisit the city where they were born and bred? Ulf Würfeler

(Hannaversche Allgemeine, 16 September 1987)

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Foreign Affairs

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gary, are stubbornly struggling to premonths training Livis for special was serve their national identity.

tion to provide the statutory introduce another, as soon as possible - and for ry courses for Zivis. Herr Hintre s good. hey are available for only one in two

Alfred Lorenz, works councillot \$1

Königsberg, the East Prussian capital. government still limits access to the city where lights went out for German inhahospital ought to budget accordingly to city when the Red Army arrived, plun-

Aufbewahren für alle Zeit (Recorded for will be allowed to serve their time. Since 1947 not a single German has will be allowed to serve their time. approval for replacements will be Kaliningrad, after a former Soviet head

Herr Lorenz does not mean with

Increased leisure time fuels boom in board games

Rölner Stadt-Anzeiger

Just in case, Johann Rüttinger and his brother filled their car tank before heading off for the easino in Salzburg. Just in case, each man left his check-

book at home and instead took along 300 marks in cash

Their luck held - for fully half an hour. Then they drove home again, penniless.

The drive gave Rüttinger, a graphic artist from Nuremberg, time to pender: the thoughts led him to draw up for a board game featuring the glittering world of casinos. A hoard games maker liked the idea - and soon Las Vegas came on to the market.

A slightly altered version of his game was one of the exhibits of a British manufacturer at Spiel 87, an international board games congress in Essen.

The 40-year-old Rüttingen is now one of the established figures in the games business, which is going through a boom which seems to have no end.

Playing board games has become trendy again for adults. It used to be Monopoly and other games which reflected eithor the commercial or social aspirations predominant in society. Today, that is changing a little, and there are environment-oriented games on sale.

The major problem is still keeping players' competitive urges pepped up, and all the successful games riding the boom are able to provide both excitement and entertainment.

The influences of science fiction and other types of literary fantasy are easy to see in the ever-eleverer forms of dénouement. Compared with this, the original idea is merely the basis for a series of variations.

The same applies to games known as "strategy games." In 10,000 German living rooms, "Mr X" is hunted. He is a gangster who time and time again succeeds in cluding the police. The chase involves Scotland Yard on the hunt through the streets of London.

Playing roles is now the thing so that plastic or wooden pieces or figures are going out of fashion and the murderer and the detective are played by the players.

The living room becomes the scene of the crime. Instead of inviting friends to for display or exhibited. Games were sim-

a television evening or to look at slides, they are now invited to a crime party with the inspiring handle of "Night Flight to Death."

The invitation cards which tell guests which role they are to play, come with the game. There is even a cassette of taped music so the right atmosphere can be captured. It is all very simple: a certain Dr Schäfer has fallen from a Zeppelin and the murderer is wanted - it is, of course, one of the guests.

Each round ends with a bout of probing questioning so that among the Baroness Adele von Schwarzenfels, the happy-go-lucky actress Mitzi Marzini, the unsuccessful artist Josef Pawlicek and five others, the pieces are gradually put together until the identity of the murderer is eventually discovered.

It is said that the game can take up the entire night. But a note of warning: "Night Flight to Death" is a once-only game. When it is over, it goes into the

The fascination of role playing has even been recognised by the federal centre of political education which wants to make democracy something that the less politically minded young people want to take part in.

The attraction of cerebral involvement is clear; but that doesn't mean that the four basic components of board games, the dice, the board itself, figures and cards, are no longer used. The dice expecially remains the only way younger players have a chance of winning.

Of course, Rüttinger, as a graphic artist, is concerned with the form and appearance of his games. The first of his trilogy of games called the The Three Magicians was in 1985 awarded the Game of the Year award.

His fantastic world of magicians, coniurors and children of kings can imbue players with a feeling of identification almost as in "Night Flight to Death."

Observers at Essen say that after a few minutes, players don't refer to each other by name. Instead they name the person by his or her role - robber, monk or princess.

What makes these games so fascinating? Rosemarie Geu, press-spokesperson for the congress, suspects that for many people it is the chance of taking part in the world of fairy tales.

In Essen, nothing was merely laid out



(Photo: Rudolf Krein

ply played and played and played. There is to learn to get the idea and feel of obviously no lack of ideas. Several years ago when a group of pensioners was asked how many board games they knew, they came up with 600 names.

At this congress, about 85 originators showed off a total of 207 new games. A good dozen of them were thought up by Rüttinger. With a cut of 6 per cent of the retail price, he admits candidly to having an interest in sales

The ideas for his games come from experiences in life. But first he tests the games out on his own children. He says children are quick to find weak spots.

There is enough stimulation where he and his family lives, in a 200-year-old converted mill. There is plenty of animal life and vegetable life and environmental aspects to provide auspiration.

A game called "Mensch ärgere Dich nicht" first came out 75 years ago and it has remained the best seller of all board games in Germany. But few people have any idea of who invented it and under what circumstances.

Today things have changed. Rüttinger's games and those of his contemporaries have clearly marked on the packaging who thought up the ideas and the rules.

But often, a single person is not responsible. Peter Gross, product manager of one of the market leaders, says some games were developed by a whole team.

He says it is easy to spend three quarters of a year and 150,000 mark in Now there is even a spoon-bending

game, a sort of Uri Geller game called Magic Spoon which depends on dexterity. A plastic fist holds a spoon which is

capable of bending. Children are meant

weight by placing discs of various weight into the spoon until it bends.

Frau Gen likes telling the story of Trevor Pepperell, from Britain, who thought up a game about money while he was in jail. The former millionaire who brough his financial institute to roin used his experience to good advantage and tested his invention out on a specialist group 500 of his tellow inmates.

The industry says that almost all games are suitable for everybody from six to 99 years of age.

But investigations have revealed that in fact that many of these board games have a dubious sort of attraction that gets the better of many adults. Even when there is greant to be an elemental togetherness, in most instances here's only one winner.

Everyone wants to be the best, the fastest, the eleverest. Anyone who don not want to subjugate himself or head to the rules and deliberately allow? partner to win is a spoiler; a person wh robs the game of its tascination.

The main reason why more adults # playing more board games is undow tedly because people now have more leisure time.

In the last 30 years, leisure time has doubled, and not everybody wants to si in front of television the whole time.

Naturally, Johann Ruttinger already of the Messerschmitt-Bölkow-Blohm has un idea for his next game. The inspigroup, says cars, a major cause of nolluration came from his romantic old mill. It deals with the extra-terrestrial and is called Green Men Who Come To Earth. Rudolf Kreitt

(Kölner Stadt-Anzeiger. Cologne, 21 September 1987)

TECHNOLOGY

Solar energy mooted as The Ultimate Solution

DIE WELT

olar energy is the energy of the fu-Ture and not just an energy alternative. This was the message at a congress held by ISES, the International Solar Energy Society, in Hamburg.

The 1,600 participants spent six days reviewing the latest in solar engineering. from wind and water power to heat pumps and biomass converters.

The next congress is to be held in Kobe, Japan, in two years.

Congress chairman Horst Hörster said: "The solar radiation that reaches the Earth is about 3,000 times more energy than we need. Two and a half hours of sunlight are enough to meet the world's total annual energy require-

Solar energy is an opportunity of providing low-cost decentralised power supplies in developing countries that lack costly power grid infrastructure.

State secretary Maheshwar Daval of India was overwhelmed by the response to his report on the extent to which solar energy has been harnessed in his

There are, he said, about 850,000 gohar biogas generators and several million simple solar-powered stoves in India with solar cell equipment installed

"Experience in India has confirmed," he said, "that solar technology is cap-

Turope will one day be linked by a Enetwork of electromagnet trains

running underground: that at least is the

view of industrialist and pioneer aviator

Outlining his ideas at the first Euro-

pean transport forum, in Munich, he

said that the fuel of the future is electro-

able of solving the most pressing energy problem in rural areas, the lack of fuel." By the year 2001 India plans to meet 20 per cent of its energy needs from renewable sources.

Small- and smallest-scale generators based on wind, biomass and solar energy will make a major contribution of 15,000 megawatts toward this transfor-

Photovoltaies, or direct conversion of light into power by means of semiconductors, has lately hit the headlines.

Even if economic use of the technique is a distant prospect, it has a deeided advantage, Hörster says:

"The crucial factor is that this form of energy is in harmony with nature, imposing no burden whatever on the environment. I feel it may be the only form of energy of which this can be said."

The Sun shines long enough and with sufficient power even in industrialised countries, which for the most part are to he found in temperate zones with strictly limited hours of sunshine. What matters is to harness it properly.

"We must set uside inflexible forms of large-scale technological applications and concentrate on decentralised production and use," he says. Passive use of solar energy by means

of advanced solar architecture could well play a leading role in economising on the use of conventional fuels. It would also make a substantial con-

tribution toward easing the harden on building with single plazing have, been conferenced: Passive use of solar energy can save up to 50 per cent of the power needed

Germany's first solar-powered boat, being demonstrated in Hamburg, uses

32 solar cells. It can travel at 8 kilometres an hour. It's a mere snip if you have 40,000 marks to spare.

for heating, and as heating accounts for 40 per cent of power consumption, the potential for economising is enormous.

Passive solar architecture includes deliberate "suntraps," such as southfacing plate glass, conservatories and insulation and nocturnal cover in other directions.

The development of special glass that either reflects or absorbs sunlight depending on the angle opens up further possibilities.

A highlight of the Hamburg congress was a special sumblind developed by the Fraunhofer Solar Energy Systems Institute, Freiburg. Specially coated, in summer it ref-

leets the sunlight, while in winter it absorbs it and reflects it indoors at night. Trials of the new blinds in an office

(Die Welt, Bonn, 19 September 1987)

After a succession of failures and a spectacularly aborted launching in May 986 the 19th hunching of the European rocket was a complete success at the second attempt.

rocket put its two satellites, Australia's Aussat K3 and the European ECS-4, in-

another German satellite, TV-SAT, and put it into a geostationary orbit.

lenger catastrophe. But the competition has grown tougher. Both Moscow and Peking offer bargain basement prices to launch satellites on board their Proton and Long March

The Bonn government has postponed

major Western European space projects, on their finances and on a rearactivities.

sions that will commit it on space research policy for the next decade or two and involve investment expenditure of at least DM25bn,

up to 20 tonnes, The Columbus is planned as a firm feature of the proposed US space station.

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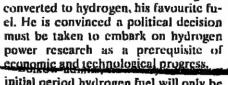
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tion, must not be allowed to run on fossil fuels, which are both expensive and environmentally dangerous. He wants to see combustion engines

Ludwig Bölkow.

methanol or coal gas.



initial period hydrogen fuel will only be feasible for commercial vehicles (buses and trucks) because of the trouble and expense of ensuring supplies. He accuses politicians of continuing

to think provincially rather than in a European dimension on transport issues and of failing to draw up scenarios for the future.

He also complains that nothing is being done about pressing present problems such as transit across the Alps.

instead of waiting for long-term investment projects such as the much-discussed Brenner Tunnel he favours immediate action such as a swifter succession of trains, hybrid locomotives that cut out the need to switch locomotives at frontiers and a much wider use of

er range of services of all kinds.

low-loader rail facilities for motor vehi-

lytically produced solar hydrogen, not Bölkow, whose company is now part hroughout Europe. High-speed trains are in use in Bri-

coach services.

simplified.

facilities and other travellers with a wid-

The Munich forum made it clear that the railway network is best suited to arrive at a solution to European transport problems. There is a railway revival

tain, France and Sweden. A new rail concept is under development in Austria, Italy is working on an ambitious high-speed rail programme and Switzerland's Rail 2000 system will link intercity, express and through trains with

Germany at speeds of up to 250kph. The aim, said MBB's Dr Christian

At the same time national rail networks must be combined with existing civil aviation services. Transferring from road to rail transport must also be

link distances of up to 600km in three to

Dr Guenther could even imagine seasonal variations in rail facilities to ensure passenger comfort, with the emphasis on light and airy carriages in summer and on warmth and comfort in winter.

En-route entertainment must make full use of all that show business has to offer, while businessmen must be provided with comprehensive secretarial

Vision of a Europe linked by underground train network

European endeavours must aim, in the final analysis, at ensuring door-todoor service linking rail travel and other modes of transport. The railways must also cater for individual requirements.

Rainer Goetz of the Berlin Local Transport Study Society found it hard to believe that the motor-car was still the mainstay of mobility in modern industrial society.

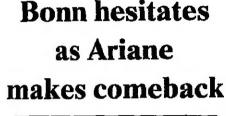
He called on politicians to stop seeing local transport as merely a facility for marginal social and automotive groups.

It must be made more attractive for

Guenther, must wherever possible be to keen to become car-owners and for older people keen, for the sake of convenience, to earry on driving. The car is not going to be upstaged in a hurry, however. A microelectronics research programme, Prometheus,

> working on a new-look motor vehicle. The aim of project research by 270 scientists is to devise a car that thinks for itself, a car capable of ignoring the driver and safely ensuring the right response in an emergency, such as fog and ice or at intersections or while overtak-

Fridolin Engelfried (Nürnberger Nachrichten, 17 September 1987)



DIE WELT

The successful launching of an Ariane 3 carrier rocket from Kourou, French Guiana, has brought Europe back to the fore in the satellite business.

Sixteen minutes after take-off the

In November an Ariane is to launch

Ariane has thus regained its status as the West's only operational satellite launcher vehicle, a status it held for four months after the January 1986 Chal-

carrier rockets.

major decisions on space research and development that were due to be taken in the next 10 days, according to a reply to a parliamentary question tabled by the Greens. danision must be reached on three

In effect Bonn must arrive at deci-

sponsored by 14 European carmakers is The three European projects are the Ariane 5, the Columbus spacelah and the Hermes shuttle.

From the mid-1990s the Ariane 5 will, if all goes well, launch payloads of

Ariane 5, Columbus and the European space shuttle, which between them Continued on page 13



B THE ARTS

Newspaper rivalry lends respectability to graffiti

Hamburg commuter rolling stock is getting a burst of colour. Carriages on the underground railway system and some of the city's buses are being painted by spraycan graffiti artists sponsored by two newspapers. Morgenpost, a shrill tabloid owned by Gruner + Jahr, has hired a team of women to paint the trains; its rival, Hild-Zeitung, an equally shrill broadsheet owned by the Springer group, has got schoolchildren and scout groups to paint the buses. Looking behind the paint to get at the story is Karlbeinz Schmidt, writing in Die Zeit, an imshrill broadsheet owned neither by Gruner + Jahr nor by Springer.

Three years ago, in a venture that was A as spectacular as it was absurd, the pop magazine Wiener hired two New York spraycan artists to decorate a railway carriage in the Austrian capital with

That used to be regarded as vandalism: this time it was legal - but more decorative than authentic.

Graffiti, the spirit of the age sprayed boldly from a can cannot simply be transplanted. Once they are transferred to the bright lights of publicity or to private art galleries, artists who paint underground train carriages lose more than anonymity.

Their messages usually containing Jenny Holzer from New York. radical views are reduced to harmless

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bourgeois aestheticism. It is graffiti for domestic use.

The Morgenpost, a Hamburg newspaper owned by Gruner + Jahr wants both to steal a march on the city's rival Springer Group newspapers and also to be taken seriously on art.

So it decided to kill two birds with one stone by launching an advertising campaign - by painting train carriages. It was soon followed by Springer's Bild-Zeitung, which has gone for the city's

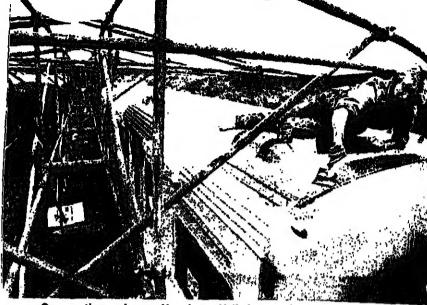
Morgenpost hired neither self-taught spraycan artists nor college-trained trendies to do the painting. Its artists are all women. It was a controversial decision. Exhibition organiser Peter Ruthenberg, whose idea it was, says women are underrepresented in art in the public sector. To redress the balance is nothing if not fair!

The first "art trains" have now added a splash of colour to the city's U-bahn network. A funfair was held to mark the handover of the first 36 carriages to the travelling public.

Twenty-one women artists from 11 cities are transforming 55 carriages into works of art on wheels.

They include fairly well-known artists such as Renate Anger from Berlin, Bettina Semmer from Hamburg and twotime Kassel Documenta award-winner

Then there are talented newcomers



Commuting colours. Hamburg U-Bahn carriage being decorated.

or relative unknowns such as Gudrun Differenz from Frankfurt, Eva Ohlow from Cologne and Beate Spalthoff from

"What we want," Morgenpost editor Wolfgang Clement announced when the art show on wheels was launched, "is to provide a view of work by contemporary women artists."

There were few better apportunities of transposing art from the museum to everyday life than to use the coachwork of commuter trains.

He could hardly have then known that his newspaper's art trains were to feature virtually every aspect and variety of contemporary art. Hardly a technique, a style or an idea now seems to be missing.

Figurative motifs by Ursel Frank from Frankfurt roll alongside ornamental work by Sabina Wörner from Düsseldorf.

Informal streams of colour poured by Elsbeth Arlt from Flensburg can be seen alongside the golden bathtub into which Carola Schell from Berlin has transformed her carriages.

At times more is tested than the powers of imagination of Hamburg commuters. Their tolerance is tested by "fast food artists" Renate Kirchheim and Monika Ratering from Bremen.

They have joined forces to decorate their carriages with juicy, larger-thanlife hamburgers.

The brilliant red ketchup and soggy hamburger rolls are draped round the carriage windows, transforming the pussengers inside into the pure beef filling.

Some might call this good, clean fun. Others might see it as effrontery. It certainly falls not far short of poor taste and is, fortunately, the exception.

Censorship has happened, but is was accidental is no more.

The Hamburg city transport department, which runs the trains and hires out advertising panels on the rolling stock, was bliesfully unuware of the existence of action art and "happenings."

its officials had to be given a briefing in modern art history before the womer artists were allowed to get back to work with paint and brush.

Contemporary art on wheels is to roll round Hamburg for a year, adding colour and providing food for thought.

Some carriages are painted in painstaking detail, others in grand gestures of the brush. All are art prescribed in what Peter Ruthenberg calls homoeopathically infinitesimal doses.

This is a reference to the fact that trains only stop for a minute or so, so travellers get only a glimpse of each carriage. Yet the idea may catch on.

Other art-minded Hamburg firms keen to combine image-boosting and art promotion could do worse than follow

Isuit. The city's U-Bahn, or subway, k. a further 700 carriages for hire. Bill Zeinung, the Springer paper, has been one of the first to jump on the Morgen post bandwaggon.

Bild-Zeitung has enlisted the services of school classes and scout packs to decorate 15 articulated bases with wellknown Hamburg mouls.

It doesn't much matter how they to about it. The point of the exercise -advertising apart - is that the buses have bright and cheerful look.

This is to be ensured by a panel of public figures who will judge all m tries. Ingo von Münch, Hambwe's new arts senator, clearly has m qualms about brushing up his m sense by kind permission of the Axe Springer ACi.

He is reported as saying: "I'll be de-

Ruthenberg, un art expert who makes point of having selected his artists will out the supervision or interference of advisory panel or a jury.

He had to use the gift of the gab, by ing nothing to offer his artists other & a DM500 fee and DM32 a day in a

Editor Clement says the D-B# advertising space will cost "well und DM1m." So the transport department can congratulate itself on this winfall, whereas the artists are unlikely! eatch more than a cold in the dang and draughty locomotive sheds and sidines.

What, one wonders, is fair that that? Raif Bartoleit of DPA, the Ham burg-based Deutsche Presse Agehie sees some consolation for the 21 artis-As a "reward" for their hard work, b writes, they will share an art show inth city's Kampnagel-Fabrik.

Frankfurt artist Petra Falk, who is fused to work free of charge and pit has long realised what is far from a mai ter of course in modern society. "Art work is work," she says,

ifs or buts."

That is a point which is surely more deserving of consideration than point less discussion about trains, or "men' toys," as Clement puts it, being painte by women.

"Whether the envisaged production friction between a traditional med world and women's art is a reality was merely a hare-brained idea." will Ruthenberg in his dossier, "will be 561 when all the carriages have been put

So the project can be reviewed in 0 tober. Fair enough! Or is it?

Kartheinz Schmid (Die Zeit, Hamburg, 18 September l[©]

FILMS

German director reads a book and goes deep into America's south

SONNTAGSBLATT

First Wim Wenders went to the United States. Then Volker Tin Drum Schlöndorff followed. He has now been searching for material for two and a half

His first film in America was Arthur Miller's Death of a Salesman, the classic story of Willy Loman, a lower middle class failure who becomes a victim of the American Dream.

Schlöndorff's new film, A Gathering of Old Men, is set in the deep south of Scarlett O'Hara country, but it is a modern setting.

As an art form cinema tends more than most to feed off myths, or myths in the form of anti-myths. And it's precisely at the point where the American Dream runs up against reality that Schlöndorff seems to find his material. Where the illusion ends is where the American nightmare is at its most vivid.

In hardly any other part of the States are the American dream and nightmare so interwoven as in the south. Between the flowering magnolia trees and sugarcane plantations, everyone is well aware of his neighbour and the colour of his skin. The destiny of people is on show for all to see, concealed by a veil of clouded perception.

ing south, Schlöndorff hus turned once again to a literary source: the 1983 book of the same name by Ernest J. Gaines, a black from Louisiana.

It deals with the Deep South today and is considered to be one of the outstanding books on race-relations in the south. Its theme is the dream of solidarity antong blacks and the intricacy of compulsory racial roles and of unspoken understandings. This time, Schlöndorff has kept closely to the text. The book has just been translated into German.

Schlöndorff once said that a film comes into being on location. And this is no less true for a A Gathering of Old Men. The author helped him to pick out the locations and, together with excellent camera work, Schlöndorff was able to create a convincing atmosphere.

He succeeds in capturing the humidity of Louisiana where time goes by slowly and one wishes that one could dwell longer on all the personalities that flow by.

In one scene, the camera hovers over graveyard and then onto a river stressing that which is the south of such importance. The land on which they work.

The story is about the shooting of a white by a black. Schlöndorff tells us right at the beginning who did it. A black called Charlie, on the run from Beau, a white landlord farmer, shoots him dead in selfdefence before the cabin of a black sharecropper called Mathu.

Candy, a young plantation owner, calls together 17 other old blacks to protect Mathu from being lynched by whites. She believes he is the only one courageous enough to have done it.

Candy succeeds in mobilising the old black men into revolting. Something that they have wanted to do all their

Richard Widmark plays sheriff Maple, the investigator of the shooting. To his surprise he finds himself confronted by 18 proud old blacks with nothing else to lose. They all claim responsibility for the deed and in doing so take a stand for the first time in their lives white intimidation and violence. But times have changed since Scarlett

O'Hara's day. Even sheriff Maple, who sees through the conspiracy, would like to avoid bloodshed. Even Beau's brother, who organises inter-racial football matches to promote racial harmony, wants the case settled in the courts rather than by a lynching.

The whites themselves are also portrayed as victims. They have the burden of guilt and shame on their shoulders and live in the shadow of class prejudices among themselves. In the south of the eighties most of the young people have already left to go somewhere else.

His film is one of dialogues, a staging of words. Maple spends a day interrugating the men who are so awkwardly trying out their revolt. Those that have the chance to speak also speak with their faces, using frugally calculated mime and gestures.

All the old men tell the sheriff that they individually shot Beau. But what they really mean is that they should have done it a long time ago when they were vounger.

Their faint-hearted revolt, which Chaines calls mare marchering than user voir is only undertaken give them back their dignity. And in order to get this it meant also freeing themselves from the guardianship of their well meaning pa-

The men wean themselves off the young woman's support and decide to

make their own decisions. The ending is a surprise. The negotiations seem to be going on for ever when suddenly Charlie gives himself up to the police. Luke Will, the leader of the whites tries to press ahead with a lynching anyway.

A shoot out takes place. But unlike the book in which Charlie and Luke Will are also shot, Schlöndorff uses a happy ending with the old men dancing for joy. Maybe he felt the book version was too depressing and chose instead to give a Hollywood ending. Candy the

white liberal plantation owner ends up having a relationship with Lou Dimes, a journalist reporting the case. The actors carry the film, especially the performances of Louis Gosset jr. as Mathu and Richard Widmark. lt's a film about change in the south which, like that in the film, is slow. It's very much a European film and a American

theme.



(Deutsches Allgemeines

Sonoragsblatt, Hamburg, Uprising or just a gathering? Schlöndorff's A Gathering

Return of Fritz Lang and the idea of the doppel-gänger

Derlin's notorious fame has been re-Doorded on film like a Prussian mind in one of Schinkel's buildings.

Three films by Fritz Lang from the 1920 metalong thought to have been lost have been rediscovered. What a birthday present! (Berlin is this year

One was found in Brazil and the other in Amsterdam. Both can be seen at the Berlin and the cinema exhibition. This is a special contribution from the German Cinematech

There was a certain tension in the air at the Gropius-Bau film theatre, a few steps away from the world's most famous wall.

The visitors had come to see Lang's Kämpfende Herzen. This was a joint production of Lang's together with Thea von Harbou. Like Mabuse a year later, it is very much a picture of the times. The foundation also put on an exciting report about the state of film then and what was being developed.

· Everyone knows that the fantastic

ema in the 1920s. Films like this tended to

celebrating its 750th anniversary).

Foundation to the anniversary.

genre was characteristic of German cin-

make use of the Doppelgänger theme. The seum of the underworld who make their deals in low dives are at the same time the well-beeled clients of the best hotels.

Lang applies that with a modern lack of bias. The crime films make way for fairytale like romantic stories. Shadowy doubles become figures who lead double lives or also, as in this film, become unequal brothers.

The main person, the real-estate agent, is a quick-change artist. He is not as cunning as Mabase.

Who is behind it all? This is famous question in Lang's serialised Spione has already been put in Kämpfende Herzen. The film is so made that the audience is forced to use his eyes to perceive what is taking place on the screen. At all costs the spectator should avoid being deceived.

Die Vier um die Frau is actually a secand title for the film. The film has a certain Harbou-touch. Because the husband is driven by business.

She is the weakest part of the script, which is otherwise built on increasing tension and senseless action liberally provided with elucidations which are provided by one person, are then interunted and then continued by someone else with the brittleness being stressed by pictures whose animated scene of action and changing focus is underlined.

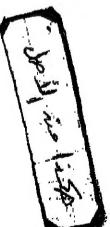
h's an agitation which stops the audience from immersing in an illusionary tale. Harakiri, which was directed two

years earlier, has none of this. It's a Melo from the mind of the Madame Chrysantheme by Pierre Loti, who works with Madame Butterfly material.

The point of the film is to show what contact with the West did to Japan. Lang loved exotic subject material in his films. He said it allowed him to use memories which he had acquired while travellin around the world.

It's not the peculiar incongruities, such as Berlin's penetrating omnipresence, or that the actors are made up of Forces struggling in Fritz Lang's Harakiri, 1919. (Photo: Stiftung Deutsche Kinemathek)

Continued on page 14







No. 1293 - 4 October 1987

Berlin congress was told.

wall facing materials.

outside walls.

acrylic foam.

ed sheeting as a facing for outer walls, a

substantially on heating bills and to off-

set the disadvantages of existing outer

The new material was said to save

These claims are made in a survey by

the Fraunhofer Construction Physics

Institute, Stuttgart, the findings of which

were outlined to a Berlin congress on

structural damage due to indoor damp.

The congress dealt at length with

Over a three-year research period

It harnesses sunlight as a source of

heat and provides the usual insulating

features of conventional mineral fibre,

the Stuttgart institute's Professor Karl

Fixed to the outside wall, the trans-

parent sheeting lets sunlight through un-

hindered. It does so very much in keep-

ing with the hothouse principle, trans-

forming the light that reaches the wall

This heats the brickwork to tempera-

tures of up to 70° C, making outer walls

perceptibly warmer than indoor air.

They thus function as an auxiliary hea-

ter and cut back the fuel or power con-

Experiments in Stuttgart have shown

this "solar oven" effect even to function

on north-facing walls where diffuse light

is all that can pass through the panelling.

congress, is still sufficient to prevent

any heat loss whatever from within.

The heat thus generated, he told the

In summer a fully-clad south-facing

wall generates too much heat, so the

sumption of the main heating system.

Gertis told the conference.

inside into long-wave heat.

scientists devised insulated sheeting

consisting of transparent glass fibre and

MEDICINE

Laboratory fight against parasite which inhabits a tenth of mankind

The author, Renate Ries, is a biologist and journalist. For this article, which investigates research into amoebiasis, a disease affecting huge numbers of people in tropical and sub-tropical countries, she won third prize in a Science Reporter competition run by the Bonn Ministry of Science and Technology.

ntamocha histolytica is a micro-or-Leganism that preys on red blood corpuscles and causes an illness called amoebasis. Dysentery is a symptom.

The amoeba lives as a parasite in the intestines of an estimated 480 million people - every 10th person in the world. Whoever has the amoeba has amoebiasis, But only between 8 and 10 per cent show the symptoms —— dysentery.

Dysentery is known in Germany only as a complaint brought back by travellers from tropical and sub-tropical countries. But it is a danger to everybody in those countries.

Julia Walsh of Harvard says at least 40,000 people worldwide died of it in 1981. Richard Guerrant of the University of Virginia says the figure is twice as high. No-one knows for sure. There are no reliable data.

Biology student Claudia Walter, a member of an Osnabrück University team investigating the amoeba, says, "With today's techniques entamoeba histolytica is often either not diagnosed as the culprit or it is suspected of being to blame when it isn't."

She is working on a better diagnostic technique based on a new technology that can make the characteristic features of each and every cell visible.

Her aim is to produce a detailed description of the germ. For comparison she uses non-pathogenic entamoeba, similar micro-organisms that do man no harm.

Originally isolated from reptiles or sewage, they are now bred in test tubes full of brown liquid nutrient.

Entamocha flourish on a diet of yeast extract, predigested protein, beef serum and 18 vitamins. Unlike entamoeba histolytica, they leave red blood corpuscles

It alone relishes a Dracula diet. A glance through the microscope is sufficient to identify the culprit, which can clearly be seen to digest its diet of red blood corpuscies.:

Once identified in a patient's stool, the diagnosis is clear and incontrovertible. The patient is suffering from dysentery.

Its most frequent symptoms are slimy, blood-spattered diarrhoea, inflammation of the intestinal wall and abscesses of the liver.

That is why the rogue amoeba is called histolytica, or tissue-destroying. Instead of making do with intestinal nutrient, it prefers human body cells and blood corpus-

It attacks the intestinal wall and penetrates the tissue. It finds its way almost all over the body, leaving a trail of abscesses. If not treated, they usually lead

Infection can be extremely painful even for the Osnabrück microbiologists. Yet they wear neither masks nor gloves in handling the parasites.

Are they thoughtlessly running a health risk? "The risk of contracting amoebiasis here in the laboratory is virtually zero," says biologist Folker Keller.

He studied the subject before joining the research team two years ago, "En-

Tancer research is turning increasing

to hormone treatment instead of cy-

tostatic, or drug, treatment of malignant

tumours. The aim is to harness the

body's own defences to fight the dis-

to the importance of new theories.

"Cancer research," he said, "is on the

It would, he said, be a while before

the striking laboratory findings found

their way into an effective therapy, but

the principle of the new research ap-

proach to cancer sounds convincing.

brink of a fascinating turning-point."

cancer, in Hamburg.

Trend to hormones instead of

drugs to treat cancer

tamoeba is only infectious when surrounded by a thick coat and trans-

formed into a cyst. "If the cyst is swallowed it will survive the gastric acid and find its way into the intestine, where it sheds its coat and resumes its mobility."

These are facts he checked in seientific literature, "Infectious cysts," he adds, "are only formed in the parasite's natural environment, the intestine. In laboratory conditions it is unable to do so.

So the naked test-tube amoeba can do no harm, whereas they can wreak havoc if they reach the intestine.

In the past it has been difficult to prove their existence there, but a test devised by Claudia Walter has made them easier to spot. Her new test clearly shows whether

whether the stool contains other, nonpathogenic entamoeba. Suspects are identified by means of a single characteristic identified by molecular specialists: monoclone autibod-

the patient has excreted the parasite and

ies that identify alien cells and supstances in the amoeba by their individual structure and trigger their removal

Monoclone antibodies are generated by the descendants of a single cell, at identical and thus all recognise the sestructure. In the diagnostic test they a cover the rogue cell, attach themsels to it and are coloured.

This colour betrays the invisible in vader, which is then identified - a though that alone does not prove his to blame for the patient's diarrhoea.

Most infections the parasite causes are harmless. It attacks its host in our one case in 10. Monoclone antibodis spot aggressive characteristics and identify the "bother boys."

The distinction is important, Fight; harmless entamocha can do the pair nothing but harm.

These antibodies are not yet ress. available. The WHO has declared that development an urgent research tast and funds it, but too few scientists are engaged in this research sector.

When doctors and research scientists from all over the world attended the ninth international congress on infections and parasitic diseases in Munich in July 1986, only two speakers had anything to say about amorbiasis. Each spoke for about 10 minutes.

> (Frankfurter Allgemeine Zeitung ins Deutschland, 17 September 1987)

Maryland, told the Hamburg congress

nede growth.

In this way cancer cells can common to grow independently of external fac-

success in treating tumours in mice will anti-growth factors. The principle makes sound sense.

Experiments have so far been limited to laboratory mice and restricted to observation of the effect of a negative growth factor.

Normal and cancerous growth involve an abundance of substances. Nowhole, so scientists advise against prem-

the new concept has reached the sing at which initial clinical trials may begin

of the new-found substances, Only then

The body might, for instance, fail en tirely to respond to the special substance or, alternatively, to circumvent

Besides, what side-effects does it have in high doses?

tific optimism by noting that tried and trusted treatments must not be abandoned until new methods had been defr nitely shown to be better.

A lass, steel and concrete may soon THE ENVIRONMENT J be replaced by transparent insulat-

New insulation material 'key to getting rid of damp'



next stage of the project will aim at supplying greater detail on the energy-savg effect and testing sunshade techniques as a precaution against overheat-

These experiments will include Venetian blinds that adjust automatically to varying degrees of sunlight intensity.

Another system that is under development is based on a principle similar to that of self-tinting sunglasses, with sheeting clad in a phototropic surface

The lighter it is, the darker this layer

Project spokesman Dr Joachim Korff

suys that oil produced this way is more

expensive than buying it from out of the

ground but, he says, crude oil will not

If the process turns out to be as suc-

NORD-UND SUDAMERIKA

cessful as hoped, it will be a significant

by a Cologne firm.

tonne of plastic.

always be cheap.

Meteorological stations

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Four volumes are available:

amount of light that is let through. Winter sunlight could thus be harnessed entirely, while summer sun would be kept at bay to some extent.

turns, progressively reducing

The advantages of transparent facing are better energy utilisation and use of the properties of concrete.

Concrete is a poor heat conductor and lets through very little steam, which is why it can often only be used in housing when combined with costly and complicated extra arrangements.

The new facing material could make concrete as universally usable as other building materials with properties better suited to ensuring comfortable living conditions indoors.

Physicists are hopeful the new insulating technique will help to solve what in recent years has become an increasing problem with outer walls.

Double-glazing cuts heating bills but dry air and a growing number of pot plants indoors have led to a substantial nerease in mildew on inside walls.

It starts with pinhead-sized black dots that grow in size and number and are either black or dark green. They flourish only when humidity is high.

If rooms aren't aired properly, condensation from the pot plants, from the sink or the shower bath collects where outside walls are coldest.

This mildew can be a serious health hazard for the lungs and respiratory

Airing is essential, but improved exterior insulation at "black spots" would he an invaluable precaution.

Research scientists say mechanical ventilation of outside walls is another possibility. That would require a space elween the transparent sheeting and the brickwork from which hot air could be extracted and used, for instance, to heat the cellar.

> Richard Schwalbe (Die Welt, Bonn, 22 September 1987)

way of converting waste plastic into **Process claims** high-grade oil has been developed Union Rheinische Braunkohlen to convert Kraftstoff AG says the process can produce 800 kilograms of oil for every plastic into oil

step towards getting rid of plastic waste. Plastic has transformed everyday life. making it more colourful and less trouhle - but it is causing serious waste-dis-

There, is an estimated three million ionnes of plastic waste a year in West Germany, half of it household waste.

In many areas glass and metal are separated and recycled, while chemicals

are damped separately or incinerated. Dr Korff says: "We have long years of experience with hydration, or liquefaction, of brown coal at our refinery. This know-how can be modified for use in

processing plastic waste." Demonstration facilities in the Cologue research laboratories and at the technical centre show what could lie

A gaily-coloured mixture of shredded plastic waste is filled into a container and chemists subject the contents to high pressure, high temperatures and hydrogen.

· The molecular structures of the waste are transformed and it can then be recycled into its raw material, crude oil.

"As we can recycle up to 80 per cent of the waste," Dr Korff says, "we can practically produce up to 800kg of oil from a tonne of plastic.

This advanced hydration process

mineral additives to the raw material. classified by the German Patent Office

as one of the most important recent inventions, is a recycling technique that evidently bridges a gap in waste processing.

Experiments at the refinery have shown that the pilot plant can be fed with virtually any kind of plastic or rubber waste; a threadbare piece of synthetic carpet, lengths of plastic cable, old plastic buckets, used car tyres or plastic cutlery.

All are converted into an oil similar to crude except that it contains more high-grade ingredients.

Press officer Christian Anschütz says: The process developed in Wesseling can help the environment in two ways. "It will not only help to clear gigantic

garbage tips but also to destroy problematic synthetic materials such as PVC waste, converting them into harmless salts and chlorine-free oils."

The results of laboratory trials have prompted the management to commission a larger pilot plant that is to be built with financial backing from the Federal Research and Technology Minister.

Chemist Dr Dagmar Mertens-Gottselig says that by the end of the century a largescale facility may be in use that processes 100,000 tonnes of waste plastic a year.

That would correspond to the waste output and disposal requirements of six cities with a population of one million

Oil recycled from rubber and plastic is naturally more expensive than black gold gushing from a well but, as Dr Korff points out, "waste disposal costs are spiralling and crude oil prices will not be in the doldrums for ever.

*Once the prices are right we will one day be paid simply to dispose of plastic waste," he feels. Georg P. Rainer

(Die Welt, Bonn, 14 September 1987)

Continued from page 9

will cost an estimated DM25bn, are to be developed by Esa, the European Space Agency.

Esa, with an annual budget of about DM3bn, is also engaged in a comprehensive unmanned research programme and has drawn up plans until the end of the century that will cost about DM60bn in all.

The Federal Republic of Germany would be expected to foot roughly 30 per cent of the bill, so when national space research spending is borne in mind Bonn will need to invest at least

DM25bn by the year 2000. The Bonn coalition plans to arrive at a decision next month. It stressed in its parliamentary reply that "German participation in space research and the development of space technology is essential and justifiable on both economic and technological and scientific and social grounds."

Bonn will thus agree in principle to join the three large-scale Esa projects, but possibly not in keeping with the present schedule and within the proposed cost framework.

(Die Welt, Bonn, 17 September 1987)

Anatol Johansen

Extreme-right campaign

Continued from page 3

latest annual report of the Bavarian Verfassungsschutz, the government agency that monitors espionage and political extremism, but more aggressive in how it voices its

The DVU is also said to seek to qualify German guilt by either relativising the Nazi era or denying its excesses.

It is further said to encourage racially motivated prejudice against foreigners and to slander democratic institutions and their representatives.

It has an estimated 12,000 members nationwide. Regional leaders are not elected; they are appointed by DVU leader Gerhard

toral victory of the Liste D and sald it would

The NPD, which had eight MPs in Bremen from 1967 to 1971, welcomed the elec-

Baden-Württemberg state assembly polls ... glands in the armpit.

Baden-Württemberg and had 12 assemblymen in Stuttgart for a four-year period. The NPD was founded in 1964 and peaked between 1966 and 1969 when its candidates were elected to seven of the 11

state assemblies. In the late 1960s it benefited strongly from protest voters dissatisfied with the 1966-69 Grand Coalition of Christian and

Social Democrats and from the first major recession in the Federal Republic's history. In the 1969 general election it polled 1.4 million votes, or 4.3 per cent, and thus failed

to make the five per cent minimum. In subsequent state assembly elections the NPD lost all seats previously gained.

(Frankfurter Neue Presse, 15 September 1987)

Instead of being treated by radiation and toxins, malignant tumours are to be beaten by the body's own weapons, harnessing anti-hormones to trent hormone-based tumours such as breast

The new approach was one of the Medical specialists check the tumour many topics talked about at the third incells for hormone receptors that reternational congress on hormones and spond, say, to ocstrogen or progester-

Attended by over 1,500 specialists, it These receptors can either be was the first international cancer conblocked by anti-hormones or hormone synthesis can be restricted or brought to gress held in Germany for half a centuhalt. Tumour growth can thus be Congress chairman Professor Gerhard Nagel, Göttingen, left no doubt as

in the past women enneer patients have had ovaries and even pituitary glands removed to interrupt the hormone influx. Given what is now known about hormone treatment, this is seldom necessary.

Effective hormone therapy, said Professor Heinrich Maass, Hamburg, presupposed the existence of hormone re-

Hamburg experience had shown hormone treatment to be feasible for about half the women over 50 whose breast now be concentrating on the March 1988 cancer had already opreed to the lamph

complained that many doctors prescribed hormone treatment without receptor checks. That was no substitute for chemotherapy.

Hormone treatment, he said, was neither a harmless alternative nor an alternative with no side-effects to chemotherapy. Far from it: "Hormones are extremely problematic substances that in some cases can

have substantial side-effects, such as de-Cancer research in the United States in particular has adopted a new approach, albeit only, as yet, in laboratory

and animal experiments. Professor Marc E. Lippman of the National Cancer Institute in Bethesda,

about initial success in treating cancer with anti-growth substances.

His work was based on the realisation that not only glands and organs produced hormones; cells could also sethesise substances that promote or in-

In laboratory experiments US caree research scientists have achieved initial

cell production defect is repaired means of the appropriate substances

the body's own. It remains to be seen whether at growth substances, as they are calkwill lead to the development of a medi-

one knows how substances affect the recipient, particularly the body as

ature cuphoria. Yet even though comprehensive de-

in, say, six months or so. The initial aim will be test the toxicity can the effect of anti-growth factors be

Richard Pcto, Oxford, damped scien-

Gisela Schütte (Die Welt, Bann, 10 September 1987) HORIZONS

Honeymoon at 80 a recipe for vitality

Saarbrücker Zeitung

Hans Kopp sets the breakfast table, goes shopping, and cooks the lobster or Berliner Buletten (a type of meatball). His devotion to his wife would make you think Hans and Maria are newly married.

And so they are. At 81. Last year, they were the oldest couple to get married in West Germany.

It is a trend. More and more young people are living together without bothcring to get married while more older people, either widowed or never married, are getting married.

In 1984, the number of marriages where one or more partners were over 60 was up 12 per cent on the previous year: there were 1,115 men were between 65 and 70 and 2,574 over 70. There were 2,830 women between 60 and 65 and 1,196 over 65. One 65-year-old woman married a 29-year-old man.

Hans Kopp first met Maria Miesen when he and his first wife were in Lisbon 22 years ago. He was a civil servant responsible for protocol and culinary matters at the West German Embassy in Lisbon and Frau Miesen also worked at the Embassy. The Kopp couple maintained contact with Frau Miesen and met her regularly.

Hans Kopp says that when his wife died two years ago, his wife told him to marry Maria. On 4 November last year, they were married in a civil ceremony in

Continued from page 11

every nationality except Japanese, or that the actors fail to reach those standards of elegance which the Japanese would.

What is does lack is a disciplined narration and a sharp and precise application of cinematic techniques. And yet this is where Lang's strength usually is.

There is really only one surprise. Certain use of the camera which he later used in later films turn up here for the first time. He uses inside-shots which look outwards as a counter-balance to effects of interior space.

Shots such as these are a direct result of the influence of Japanese decor, which in their makeup resemble still-life paintings. Once can see with Ozu a view behind interior rooms which give one the

impression of seeing a minature garden. .. In this way Lang confronted the limits of painting and the dimensions of film.

It would appear that with the help of Schiele and Klimt, Lang found I to film-making via painting.

Hopefully the money which has been raised the Berlin anninversary will last out to help restore a third discovered film by Lang. Das Wandernde Bild. which was also discovered in Brazil. It has a second title, Madonna im Schnee

Buñuel, the late Spanish surrealist director, referred to the tendencies of both films in which forces are engaged in internecine struggle against one another, as a joining at the navel. Perhaps another variation of the old doppelganger theme being brought, out by the Frieda Grafe

Munich, 27 September 1987) rettes.

honeymoon spent in the groom's home town of Herbrechtingen, in Baden-Württemberg about 30 miles from Ulm, where they were married again ia a church ceremony by a was Maria Kopp's first marri-

Franciscan priest. age. "Nobody wanted me," jokes this witty, self-confident woman. They admit to differences of opinion, but say life would be boring without them.

Hans Kopp is a cavalier of the old school. He secretly leaves pralines in her cuphoard and surprises her with cordon bleu meals. She leaves the kitchen entirely to him, she says. He reads the newspaper to her because her eye-

They have no money problems and each contributes 500 marks a month for groceries so that, when he goes shoppg, he doesn't have to worry about cost. Quality is what is important.

Geriatric experts say that old people need attention, recognition and tenderness. Hans and Maria Kopp have managed it. For others it is not so easy. Loneliness is for some old people too much to take, writes Simone de Beau-

She says that in France, suicide among old people comprises three quarters of all suicides. Up to 55 years, the rate was 51 suicides per 100,000 of the population; over 55 it climbed to 158 per 100,000, De Beauvoir says in her book, Das Alter, that society should take a more human attitude towards old people.

The fact is that it is not so easy for most old people to marry like Hans and Maria Kopp did. In most cases the children oppose it, although the motive is not as self-interested as might be thought. The main reason is a social taboo, that getting married again just isn't

Gertrud Janssen has been the head of an old people's home in Bonn since 1978. She says she is not occasionally asked if mother or father has not be-



(Photo: Barbara Frandsen

come a little "disoriented" because he or she is talking about getting married She says with regret that the old ta-

boo is still there. It is often a matter of "what will the friends and relatives The late Simone de Beauvoir said in her book that society forces the great

majority of old people to such a low quality of life that the words "old" and "poor" mean just about the same thing. She said retirement offers old people no new opportunities; at that very time

when a person is freed from the pressures of a working life, the means for using leisure constructively is withdrawn. The pensioner is sentenced to veget-

ate in loneliness and boredom, a goodfor-nothing," Frau Janssen knows from many years of experience that old people are mentally and physically better off when they can form friendships, even when they are in a

home. For that reason, she welcomes the trend towards marriage in old age. She also knows, however, that friendships are often prevented and that the theme of special friendships in a home aften come up against taboos, "It is (usually) avoided, people don't talk about it and it is

not practised — unfortunately." She quotes an example in her home, which has 120 old people. There were two cases of people forming close relationships. At first, the reaction in the nome was of agitation.

But things calmed down and both couples are now fully accepted.

Barbara Francisen



Back to school for a 106-year-old. Peter Schmitt, the oldest man in the Saar, returns to the school at Mettlach-Orscholz which he first attended a century (Suddeutsche Zeitung, ago. The children presented him with a schoolbag full of schnaps and ciga-

Brass-knuckles granny comes back fighting

KielerNachrichten

65-year-old Munich woman has no A into a spot of bother over her hale of carrying a set of brass knuckles in ba handbae.

The lady, whose name has only kgiven as Caeilia I... was caught as: went through the cheek-in at Muc airport. Brass knuckles are regarded the law as an offensive weapon. Anyon possessing a set can be charged, con victed and punished.

Căcilia L.: "I didn't know that, I had so often heard about old people being attacked and robbed and all I wanted to do was protect myself."

Certainly there is no way she could have known that her case would turn into a minor affair of state. The public prosecutor, the attorney-general, the Bayarian Minister of Justice and the petitions committee of the Bavarian assembly have all become involved.

After Cacilia L. was held at the airport, she was charged and then told by the state prosecution that the case would be closed if she paida fine of 250

But when this decision was made, she was in hospital and didn't receive the notification. By the time she was home again and had read the mail, it was no later the parential deadling had been ad-

So Cücilia L. turned for help to the Bayarian Minister of Justice, Mathib Berghofer-Weichner, saying she fe ceived only a small pension and short not be punished so heavily for whatwo after all, an excusable error of july

The minister passed the case to attorney-general's office and it w passed on further to the state prosetion. Where it was decided to proceed "in the public interest."

The case emerged into the oper through the petitions committee of the Bavarian assembly to which Cicilia now turned. The head of the committee recommended that the prosecution he discontinued. The accused had up until now been a respectable woman and posed no threat to the public.

But justice was not to be swayed, it must remain by its principle that the law must be applied equally to all, regardless if the offender was a pimp or a court and face the consequences.

But Cäcilia L. was not about to gird laid a complaint against the officers who laid the prosecution in the first place.

Now the case has generated greater public interest than the public prosecution ever expected.

But, in the future, whatever her fate at the hands of a court of law, Cacilla !. will not have to do without some wer, pon to defend herself with in an emery

She will, for example, be able to uses hat pin. These can inflict severe damas on an attacker but have the advantagen not being regarded as an offensive wal

W.P.Schaefe (Kieler Nachrichten, 9 September 1983)

FRONTIERS

Study of urban poor hits at planned spending cuts



Talans by the Essen city administration to cut back spending on social welfare have come under criticism from one of the planning department's sociol-

The city is short of cash and is planning cuts, even in already hard-hit areas. in an effort to balance the books.

Sabine Reicherzt went out to find out more about urban poverty in general and that in Essen in particular.

She discovered signs usually associated with areas of unemployment. She found customers in pubs in the early morning, violence at youth centres and racist slogans on walls.

But the growing poverty itself wasn't noticeable at first glance. People were not marching in indignation in the streets. Instead they tended to look upon poverty and unemployment as signs of personal failings and kept the fact to themselves or within their families.

Frau Reichertz's findings have drawn a lot of attention. She has put in black and white what she feels to be blatantly obvious. She believes that poverty perpetuates itself and criticises plans to cut back social benefits.

She says, "material poverty brings shout a plunge down the social ladder. class districts in the north end of the city, the unemployed have tended to be concentrated together. This kind of planning has come in for criticism from Sabina Reicherzt. She feels it has played a role in perpetuating a ghetto outlook amongst the unemployed.

The city's research into poverty has drawn criticism as well as praise. Caritas, the charity, refused to comment on a row which broke out over its conclusions. We're not saying anything, it said. "This study has already done Essen enough damage."

The city administration believes that if poverty is to be beaten in the long term, awareness about the causes of social problems needs to be raised.

One of the main causes which the study pointed a finger at is unemployment, which is growing, and the resultant dependency on social welfare.

In March 1986 32,802 people in Essen were on welfare. Already this year it has climbed to 38,363. It now turns out growth in claims for assistance are those which are already burdened with the highest amount of claims.

An examination of 50 areas of the city showed that 21 had figures which were above average. With the exception of one area they all formed together a block in the north, north-east and east of the community.

The district of Altenessen, where 52,000 people live, is one example. More that 10 per cent, 5,900, live on so-

Friedhelm Bussfeld, head of the local social welfare department, said, "Twenly years ago it was a case of old people who couldn't get by on their low old-age pensions. But now it's able young people whose unemployment benefit is exhausted who are coming to us."

A family with trwo children of say, 7 and 11, have to make do with DM1,174 a month. In addition it receives rent and heating allowances.

"My own experience has shown me that the children are usually the victims," says Bussfeld. The financial difficulties lead, he added, "to rows in the family, and at sometime the marriage breaks down. The mother then ends up coming to us with her children."

Bussfeld has to deal with about 400 new cases every year. The accumulation of social problems such as financial ones, create difficulties for families which would otherwise have remained intact.

In his opinion it's very difficult to create residential areas for large families, in which many families with social problems can be settled. But this is exactly what has happened in Altenessen and is supposed to take place again.

He dreads to think what it will be like in two years time. For it is intended to build 700 new flats on an old industrial estate. He estimates that at least a third of the residents will end up at his office.

What Altessen needs is jobs, he said. "But not the highly sophisticated type, but those that correspond to the district's level of education and training, which is below that in the south side of the city.' Frau Reichertz agrees. She points out

that in order to escape social inequality. the authorities need to improve the local surroundings, the condition of the ofrastructure and to bring back the lo-

cal culture which has since disappeared. But by shrugging her shoulders she acknowledges that she is well aware that the city's financial situation more or less rules out such plans.

The city has a budget deficit of DM135m, which has forced cut backs all round. City spokesman Ulrich Weinstock has complained that the communal self administration is gradually being run ad adsurdum.

He has calculated that the cost of the youth and social departments will cost the city about DM536m. If one adds the personnel costs to that

then more than half of the overall budget of DM2,4bn has already been reached.

CHANGE OF ADDRESS FORM

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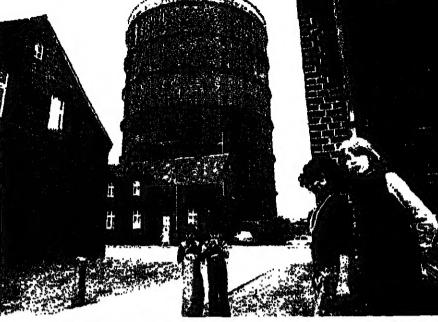
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In 1963 Essen spent only DM22m on social welfare payments. By 1986 this had climbed to DM263.7m. Since last year the city has lost about DM300m in turnover.



(Photo: Sven Simon)

It lost DM145m in income from trading tax, DM21m from agriculture and new proposals on taxation are threatening it with further losses of DM38.5m

The city is now being forced to plan more cuts in all ready hard hit areas. It is now thinking about making more cuts in areas like kindergartens.

Most people believe none should be closed.

And even a mere examination of the possibilities has led to protests by fathers and mothers at the town hall. They object to the degrading of kindergartens into "detention centres."

On first inspection the kindergarten problem in Essen is not so bad. The law says that facilities should cover the needs of at least 75 per cent of the pop-

But apart from the fact that kindergartens have long waiting lists many districts are being run badly. Kanternberg on the north side is an example. There are places for 408 children — 44 places fewer than laid down in education department regulations.

Michael Preis, who works on a social project for foreigners and Germans, has fears that plans to build new nurseries will now be scrapped.

Heinrich Bohrenkämper, who is working on the same project, says that the further cuts would be intolerable. But the teachers believe that fears that the north side will start having street riots and demonstrations like Kreuzberg in Berlin, are ill founded.

"People here, he says, "tend to be apathetic rather than aggresive."

Although the attitude to unemployment has changed, the project leaders

Subscription

point out, that the problem of unemployment will be dealt with primarily in the family, if it's going to be at all.

The goal of the project is to give people a feeling of community. But since 23 per cent of the residents are immigrants. this has not been easy.

In the beginning it led to enormous conflicts. It took four years before the residents were able to mix casually with

The many sided offer at the "Holzhaus Beisen", named after a place in Katenburg, has given people the feeling that they can share their problems with others.

The project consists of more than help programms but also embraces entertainment, creativity and learning aids. People are more prepared now to talk with others and to accept help from them. The immigrant community is becoming steadily more active. It's noticeable that in comparision to previous years more women are taking the initiative in tackling problems in the family.

Peter Schüle is responsible for coordinating the work with foreign immigrants. He found out that unemployment among immigrants is mainly a teenage problem. They usually do not have the necessary qualifications or training possibilities.

Therefore the promoting of economic development is the key idea at the town hall now. Local enterprises should be enticed into staying and the place made attractive to new ones.

According to Weinstock, the city spokesman, between 1983 and 1986, 21 hectares of land could have been sold for commercial purposes. This could have created 1481 new jobs and secured 3712 existing ones. But in the end DM140m' worth of investment was created.

This year 15 hectares of land have been sold. This has created 2100 jobs and investments of DM65m. Weinstock ild like to able to more in this field. But the department is running into financial restrictions.

The federation and the state are now being called upon to reform the way local government is financed. All the same Weinstock is convinced of the study's usefulness. After all it does help to establish how much leeway he has. Apart from that, existing plans have to checked anyway and new ones drawn up to account for adjustments.

Admittedly all this is no solution. But what was it that the study said? If local government cuts back on its services they will only make problems worse. Lack of assistance hits the weakest members of society the hardest. This only makes the poor even poorer.

Martina Schlingmann (Die Welt, Bonn, 14 September 1987)